Attorney Docket No. AGZP:115US U.S. Patent Application No. 10/709,189

Reply to Office Action of March 4, 2005

Date: July 1, 2005

Current Status of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1. (currently amended) A pair of Folding roller counter rotating folding rollers used for use in

converting machines for converting of paper or similar products, each of said machines pair of

counter rotating folding rollers comprising a first and a second counter rotating folding roller

having a at least one substantially cylindrical body and a plurality of folding means, wherein said

first and second pair of folding roller rollers interact at a contact line for making to produce in a

folding area downstream said contact line a stack of folded and/or interfolded sheets downstream

from said contact line characterised in that at least one support spaced from said contact line is

provided for each of said pair of folding rollers spaced from said contact line and in order not to

impede folding operations in said folding area.

2. (currently amended) Folding roller The pair of counter rotating folding rollers [,] according to

claim 1, wherein between said at least one support and said supported folding roller a bearing is

provided suitable for allowing a free rotation of said supported folding roller with respect to

said at least one support.

3. (currently amended) Folding roller[,] The pair of counter rotating folding rollers according to

claim 1, wherein each of said pair of counter rotating folding rollers further comprises a gap for

contacting said at least one support wherein said gap is located at the end of or between said

plurality of folding means holds said folding roller at a portion not occupied by folding rings of

said folding roller.

4. (currently amended) Folding roller[,] The pair of counter rotating folding rollers according to

claim 1, wherein said each of said pair of counter rotating folding roller rollers comprises at least

a first and a second cylindrical body wherein one end of each of said first and second cylindrical

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bodies are operatively connected at an-end along the cylindrical axes of said first and second

cylindrical bodies so that they can rotate integrally.

5. (currently amended) Folding roller[,] The pair of counter rotating folding rollers according to

claim 4, wherein at least one of said at least one support for each of said pair of folding rollers

further comprises a and the relative bearing are arranged to contact said folding roller at said

operatively connected ends operatively connected.

6. (withdrawn) Method to obtain folded and/or interfolded sheets of paper and similar products

by feeding and moving a sheet or web of paper or similar products in a folding and/or

interfolding machine up a couple of folding counter rotating rollers, said rollers being suitable

for cooperating at a contact line for making a stack of interfolded and/or folded sheets in a

folding area located downstream of said contact line characterised in that said folding rollers are

held by a support spaced from said contact line without impeding folding operations in said

folding area.

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